

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : PATENT APPLICATION  
KUBOTA, ET AL. :  
: EXCHANGE DECOUPLE COBALT/NOBLE  
: METAL PERPENDICULAR RECORDING  
: MEDIA  
:

**POWER OF ATTORNEY**

We, Seagate Technology LLC, a Delaware corporation, as assignee of the above-identified application, hereby appoint the following attorney(s) and/or agent(s) to prosecute and to transact all business in the Patent and Trademark Office in connection with the above-identified application: Lynn J. Alstadt, Registration No. 29,362; Jose J. Aparicio, Registration No. 48,837; George Patrick Baier, Registration No. 26,717; Dennis M. Carleton, Registration No. 40,938; Craig G. Cochenour, Registration No. 33,666; Michael L. Dever, Registration No. 32,216; John E. Grosselin, III, Registration No. 38,478; Bryan H. Opalko, Registration No. 40,751; Michael G. Panian, Registration No. 32,623; and Carla J. Vrsansky, Registration No. 36,958 of the firm of Buchanan Ingersoll Professional Corporation.

In addition, the undersigned appoints Carol I. Bordas, Registration No. 37,284; Derek J. Berger, Registration No. 45,401; Kirk A. Cesari, Registration No. P-47,479; Shawn B. Dempster, Registration No. 34,321; Raghunath Minsandram, Registration No. 38,683; Johathan E. Olson, Registration No. 41,231 and Paul Dietz, Registration No. 38,858 of Seagate Technology LLC as attorneys and/or patent agents with the full power to represent the applicant in connection with this application.

Address all correspondence to:

**Michael G. Panian**

**Buchanan Ingersoll Professional Corporation**  
**One Oxford Centre**  
**301 Grant Street, 20th Floor**  
**Pittsburgh, Pennsylvania 15219-1410**  
**e-mail: panianmg@bipc.com**  
**voice: 412-562-3743**  
**fax: 412-391-0723**

Date December 20, 2001

By Carol T. Borden

Title Division IP Counsel

Please type a plus sign (+) inside this box → ☐

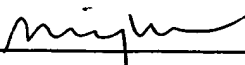
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page \_\_\_ of \_\_\_

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Mei-Ling		Wu	
Inventor's Signature 		Date 12/20/01	
Residence: City	State	Country	Citizenship
Cranberry Township	PA	USA	TAIWAN
Mailing Address 104 Havenwood Drive			
Mailing Address			
City	State	ZIP	Country
Cranberry Township	PA	16066	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 010951

First Named Inventor Kubota, et al.

## COMPLETE IF KNOWN

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EXCHANGE DECOUPLE COBALT/NOBLE METAL PERPENDICULAR RECORDING DATA

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address belowName Michael G. PanianAddress Buchanan Ingersoll, 301 Grant Street, 20th FloorCity PittsburghState PAZIP 15210-1410Country USATelephone (412) 562-3743(412) 562-1041  
Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Yukiko  
(first and middle [if any])Family Name Kubota  
or SurnameInventor's  
Signature Yukiko KubotaDate 12-20-01Residence: City PittsburghState PACountry USACitizenship JAPANMailing Address 100 Anderson Street, Apt. 322City PittsburghState PAZIP 15212Country USANAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Dieter  
(first and middle [if any])Family Name Weller  
or SurnameInventor's  
Signature Dieter WellerDate 12/21/01Residence: City GibsoniaState PACountry USACitizenship GermanyMailing Address 7019 Oak Park DriveCity GibsoniaState PAZIP 15044Country USA☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Kubota, et al.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: EXCHANGE DECOUPLE COBALT? NOBLE METAL PERPENDICULAR RECORDING DATASeagate Technology LLC, a Delaware  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.

**[NOTE]:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

December 20, 2001  
Date

CAROL I. BORDAS  
Typed or printed name  
Carol I. Bordan  
Signature  
Division IP Counsel  
Title